Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 14 Dec 2020 until 23:59 on Tuesday 15 Dec 2020

Forecast Issued on Monday 14 Dec 2020 at 02:31

Confidence: High confidence for a period of unsettled weather with very strong winds throughout and spells of showers or frontal rain. Very few signs of more settled conditions in this period.

Headline for Monday 14 Dec 2020: A blustery showery day, gales on the fells.

Mountain weather hazards on Monday 14 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Heavy rain showers (night)	Light rain showers	Light rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability					
70%	60%	50%	40%	30%	30%

Forecast for Monday 14 Dec 2020

Weather: Showers continuing throughout the day some of these will be quite heavy with the risk of hail at times, especially this morning. Showers will become fewer this afternoon with a little sunshine coming through. Gales on the fell tops and some very strong gusts as showers move through the area.

Chance of cloud free mountain/hill tops above 800m: 40% chance, quite a lot of cloud around the fell tops during showers, cloud will fall to 600m in showers, more chance of clear tops in the afternoon.

Visibility: Visibility will be good out with showers but will fall moderate or poor in heavier showers.

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Forecast for Monday 14 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	45/55 SW	42/53 SW	36/47 SW	35/45 SW	34/45 S	33/43 S	31/41 S
600	39/51 SW	37/50 SW	32/45 SW	31/43 SW	30/43 S	30/42 S	27/39 S
300	14/38 SW	15/38 S	13/33 SW	13/33 S	13/32 S	14/32 S	12/30 S
Valley	14/35 SW	15/34 S	13/30 SW	13/29 S	13/29 S	14/29 S	13/27 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-5	3/-5	2/-6	2/-5	2/-6	2/-6	2/-6
600	5/-2	4/-2	4/-2	4/-2	4/-3	3/-3	3/-3
300	7/3	7/3	6/3	6/3	6/2	6/2	5/2
Valley	9/6	9/5	9/6	9/6	8/5	8/4	8/5
Freezing Level*	1300m	1300m	1300m	1200m	1200m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The strongest gusts will be around heavier showers, possibly reaching severe gale at times on the fell tops.

Forecast for Tuesday 15 Dec 2020

Weather: Still a few showers around on Tuesday but these becoming less frequent. Freezing level will fall to around the highest summits by the end of the day so perhaps some summit snow later on.

Maximum wind: Southerly 20mph gusts 30-35 mph

Chance of cloud free mountain/hill tops above 800m: 40%, cloud falling below the summits in showers, to around 700m, but there will be some breaks during the day.

Visibility: falling moderate or poor in showers but good otherwise.

Temperature: **Valleys:** Plus 7 celsius.
At 800m: Plus 2 celsius.
Freezing level: Above the summits falling to 900m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 13 December Location: Helvellyn summit at 14:15. A challenging day of high winds, poor visibility and incessant rain on the fells today with the thaw continuing at all levels. The majority of the popular routes on Helvellyn including Striding & Swirral Edges can now be climbed without setting foot on snow. There was a sprinkling of new snow above 800m this morning but this was also melting as the freezing level rapidly rose above the summits. The few remaining patches of old wet snow are to be found on easterly aspects above 800m and in and around sheltered hollows & features. The Helvellyn plateau is generally clear and the remaining ice and hard snow that was evident on many of the paths from the compression by walkers feet has softened and thawed and is an easily avoided hazard. Temperature: plus 2.0C. Maximum wind speed 43.9mph. Wind chill: minus 7.4C. Average wind speed: 36.7mph.

Issued at: 02:31 on Mon 14 Dec 2020

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